

Tuesday Workshop 08

Lipidomics: What does International Lipidomics Society offer to the lipidomic community?

Lipids & Lipidomics Interest Group

Date: Tuesday, June 6, 2023

Presiding: Michal Holčapek, Jeffrey McDonald

Attendance: approx. 50-60

The workshop was prepared by Michal Holčapek and Harald Köfeler as chairs of Lipids & Lipidomics interest group, but the latter one could not attend, so Jeffrey McDonald was co-presiding because he will replace Michal after this ASMS due to the regular rotation. The workshop program included three short talks introducing the recent activities of the International Lipidomics Society followed by discussion with participants.

Workshop schedule

- M. Holčapek (University of Pardubice, Czech Republic) – Introduction & CLIG human plasma lipidome trial
- A. Gassiot (National University of Singapore) – Ceramide and bile acids ring trials
- J. McDonald – Minimum reporting checklist
- Discussion - What else can we do for lipidomic community? Suggestions and ideas on how we should do together a better job for the lipidomic community.

The International Lipidomics Society (ILS) was established in 2019 with the objective of fostering the cooperation of lipidomic researchers and harmonizing methodologies, nomenclature, data reporting, and organization of ring trials. This lipidomics workshop had two main objectives. First, the introduction of key ILS activities, such as harmonization of lipidomics workflows with the help of minimal reporting standards and the organization of ring trials. Second, the discussion with the attendees to understand what the lipidomics community would expect from ILS and explain the motivation of our activities. There were many questions related to the use of minimal reporting standards, the right way of lipidomic quantitation, the need to use internal standards, etc. The lively discussion showed the interest and engagement of the audience and speakers in the topic and provided a good base for the future continuation of this workshop. We received positive feedback from the participants after the meeting.